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FACSIMILE COVER SHEET

June 8, 2005

Receiver: U.S. Patent and Trademark Office

TEL #:

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Sender: Susan W. Xu for Ramin Mahboubian

Our Ref. No.: SUN1P831

Re: Application No. 09/886,454

Pages Including Cover Sheet(s): (04)

MESSAGE:

Sir:

Please deliver the attached Applicant Initiated Interview Request Form for the above referenced application to Examiner Satish Rampuria.

Please enter this in the file.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sokolov et al.

Attorney Docket No.: SUN1P831/P6164

Application No.: 09/886,454

Examiner: RAMPURIA, SATISH

Filed: June 20, 2001

Group: 2191

RECEIVED
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Title: REPRESENTATION OF OBJECTS IN A JAVA PROGRAMMING ENVIRONMENT

Confirmation No.: 5755

JUN 0 8 2005

<u>CERTIFICATE OF FACSIMILE TRANSMISSION</u>
I hereby certify that this correspondence is being transmitted by facsimile to fax number 703-872-9306 of the U.S. Patent and Trademark Office on June 8, 2005.

Signed: _____
              Susan W. Xu

APPLICANT INITIATED INTERVIEW REQUEST FORM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Tentative Participants:

1) **R. Mahboubian**   2)
3)   4).

Proposed Date of Interview: <u>**June 20, 2005**</u>   Proposed Time: **1:00 PM** (Eastern Time)

Type of Interview Requested:

☒ Telephone   ☐ Personal   ☐ Video Conference

Exhibit to be Shown or Demonstrated: ☐ Yes   ☒ No
If yes, provide brief description:

ISSUES TO BE DISCUSSED

Issues (Rej., Obj., etc.)	Claims/ Fig., #s	Prior Art	Discussed	Agreed	Not Agreed
1) 103	Claims 5	*Crelier and Brown et al.*	☐	☐	☐
2)			☐	☐	☐
3)			☐	☐	☐

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BRIEF DESCRIPTION OF AGRUMENTS TO BE PRESENTED:

(a) *Crelier* does NOT teach or suggest an object representation that includes an <u>array</u> of references such that <u>each</u> reference <u>references an instance field</u> of the object being represented (claim 5)

It is respectfully submitted that the Examiner has NOT even addressed this feature in the Final Office Action as the Examiner has merely alleged that "a method table 420, in turn, includes a list of methods for the objects of the class" (Final Office Action, page 5). Clearly, a list of <u>methods</u> does NOT teach or even remotely suggest an array of references that each references an instance <u>field</u> of an object. Moreover, it is respectfully submitted that *Crelier* does NOT teach or suggest this feature.

(b) The combination of *Crelier* and *Brown* do NOT teach or suggest an object representation that includes a first reference to an internal class representation that includes a header of predetermined size which is immediately followed by a method table (claim 5)

In the Final Office Action, the Examiner has admitted that *Crelier* does NOT teach an internal class representation which includes a header of a predetermined size (Final Office Action, page 9). Nevertheless, the Examiner has asserted that *Crelier* teaches that the method table is allocated immediately after the header. Clearly, the Examiner's rejection is improper as it would be impossible for *Crelier* to teach that a method table is allocated immediately after the <u>header</u> in the internal class representation when admittently *Crelier* does NOT teach internal class representation which includes the <u>header</u>. Moreover, it is respectfully submitted that the combination of *Crelier* and *Brown* do NOT teach or suggest these features.

(c) *Crelier* does NOT teach or suggest an object representation that includes a <u>direct</u> reference to an internal class representation (claim 8)

It is respectfully submitted that this feature has NOT been addressed in the Final Office Action. Moreover, it is respectfully submitted that *Crelier* does NOT teach or suggest this feature.

5.   (Proposed Amended) A computer readable medium as recited in claim 1, including computer program code for an object representation of an object inside a virtual machine and suitable for use by said virtual machine, said computer readable medium comprising:

computer program code for a first reference to an internal class representation inside said virtual machine, wherein said internal class representation is associated with said object, and wherein said first reference can be used to invoke one more methods associated with said object;

computer program code for a second reference to instance fields of said object which is represented by said object representation inside said virtual machine, wherein said second reference can be used to access one or more instance fields of said object at runtime;

computer program code for a hash key that can be used to identify the object, wherein said hash key is the memory address of said first reference;

wherein said second reference is a reference to an array of references, wherein each reference in said array of references is a reference to an instance field associated with said object; and

wherein said internal class representation includes a header of a predetermined size, and wherein a method table associated with said Java object is allocated immediately after said header.

An interview was conducted on the above-identified application on   .

*Note: This form should be completed be applicant and submitted to the examiner in advance of the interview (see MPEP §713.01). This application will not be delay from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFT 1.33(b)) as soon as possible.

_____   _____
(Applicant/Applicant's Representative)   (Examiner/SPE Signature)
Signature)